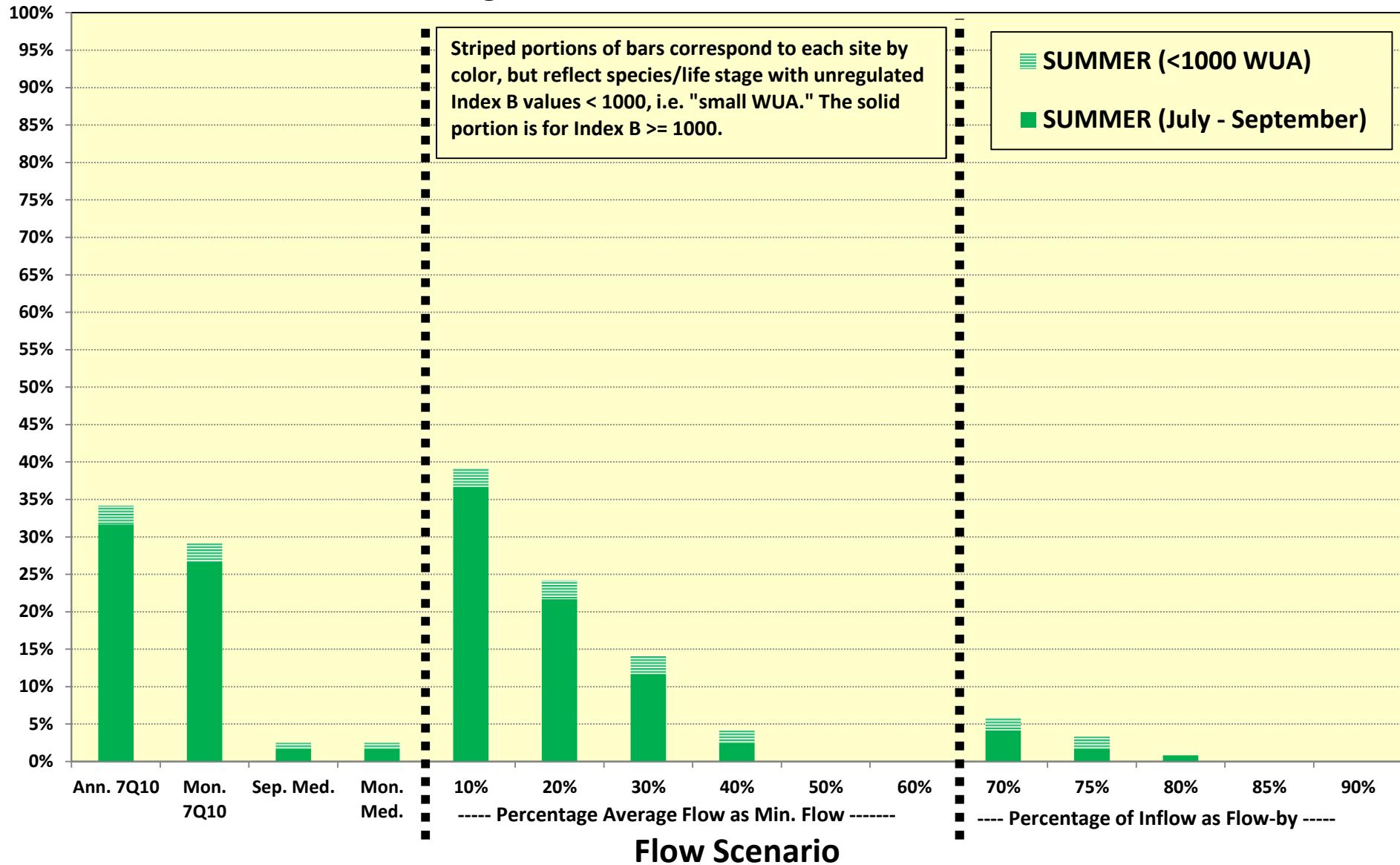


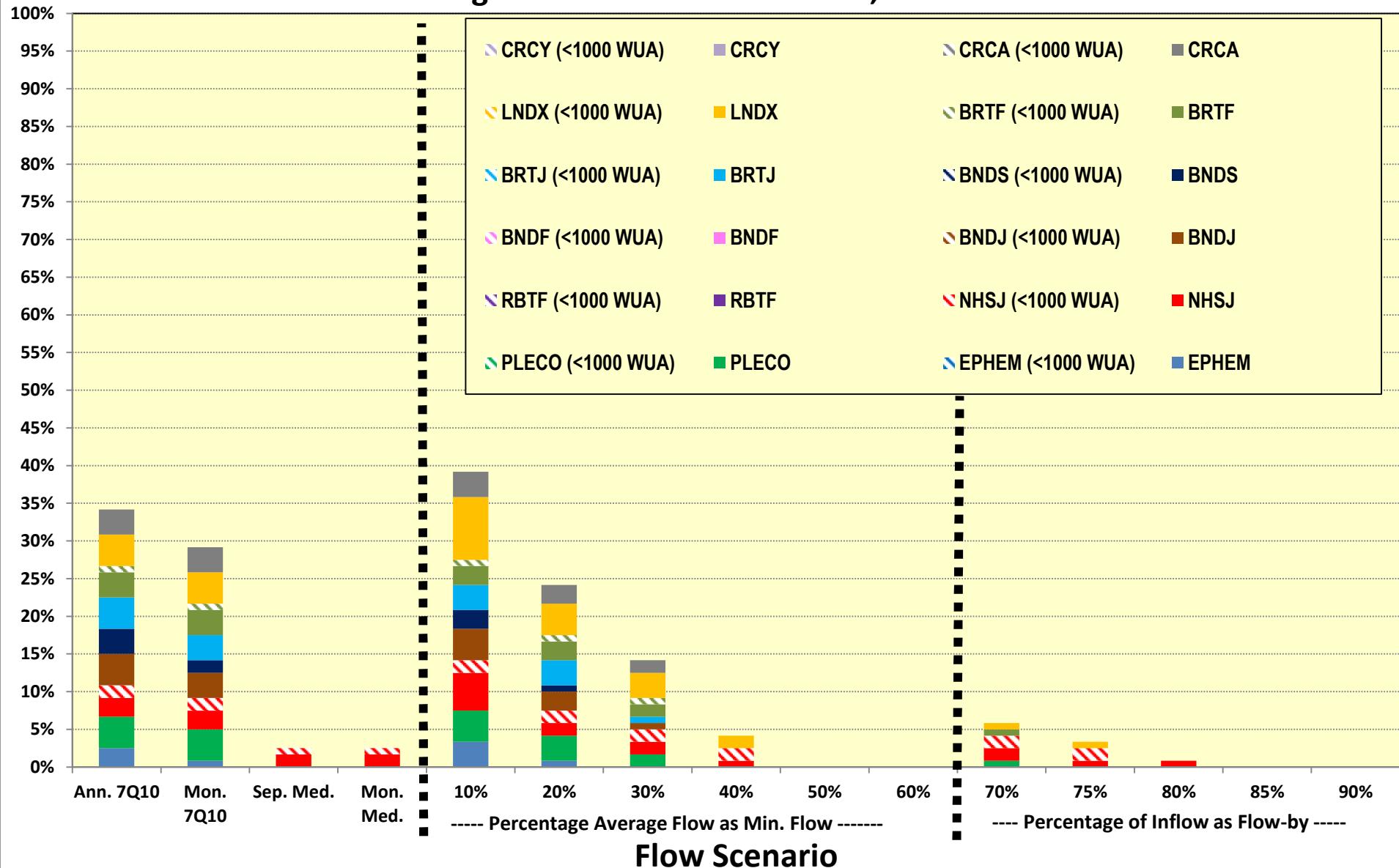
**SUMMER**

**ALL SITES COMBINED - % of 12 Shallow Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined**



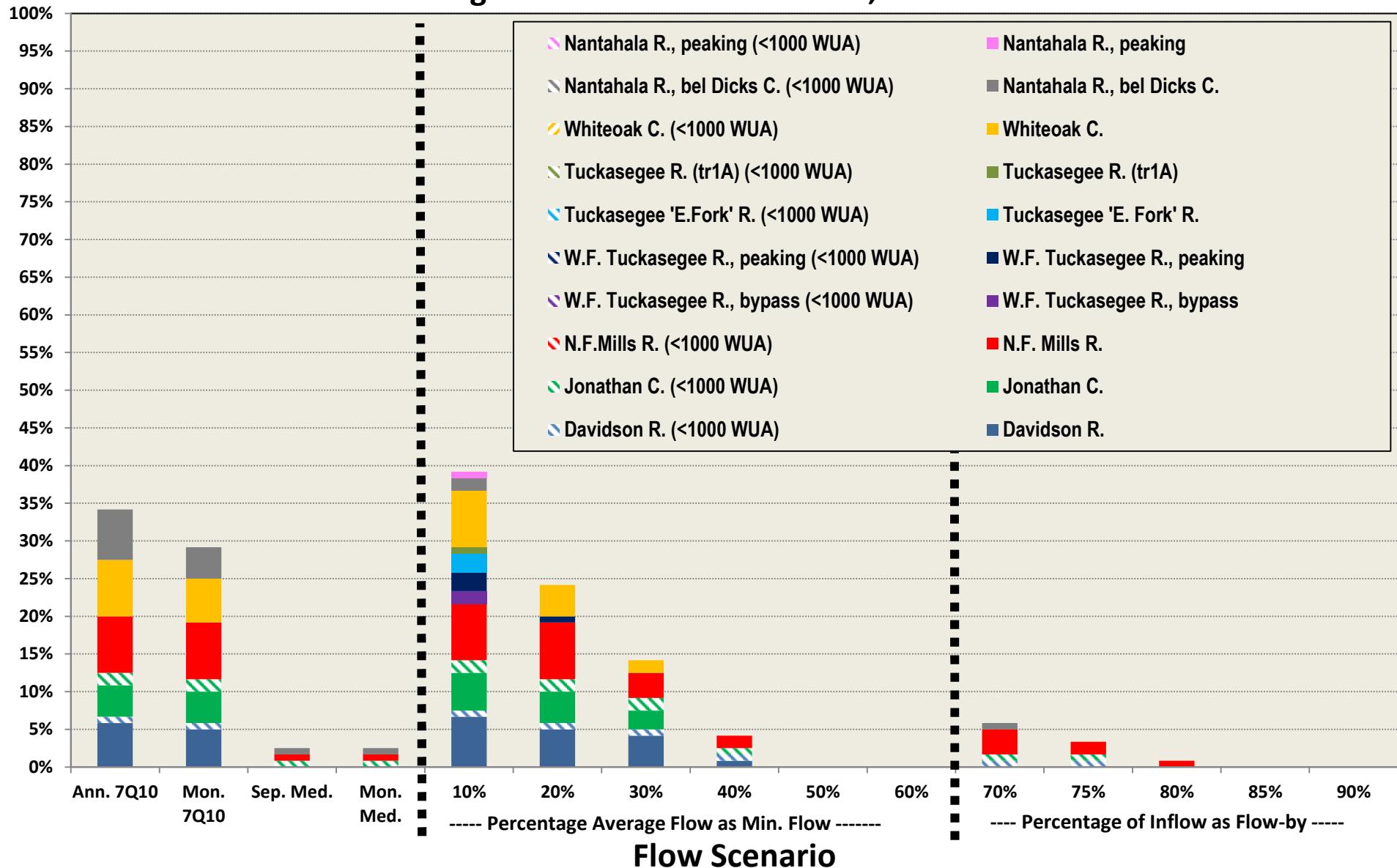
# SUMMER

## **ALL SITES COMBINED - % of 12 Shallow Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined**



**SUMMER**

## ALL SITES COMBINED - % of 12 Shallow Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined



## **ALL SITES COMBINED**

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B< 1000, then table shows a "0.01".

Season	SUMMER	(July - September) ALL SITES COMBINED - % of 12 Shallow Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined														
Species/LifeStage		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	3	1	0	0	4	1	0	0	0	0	0	0	0	0	0
	PLECO	5	5	0	0	5	4	2	0	0	0	1	0	0	0	0
	NHSJ	3.02	3.02	2.01	2.01	6.02	2.02	2.02	1.02	0	0	2.02	1.02	1	0	0
	RBTF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BNDJ	5	4	0	0	5	3	1	0	0	0	0	0	0	0	0
	BNDF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BNDS	4	2	0	0	3	1	0	0	0	0	0	0	0	0	0
	BRTJ	5	4	0	0	4	4	1	0	0	0	0	0	0	0	0
	BRTF	4.01	4.01	0	0	3.01	3.01	2.01	0	0	0	1	0	0	0	0
	LNDX	5	5	0	0	10	5	4	2	0	0	1	1	0	0	0
	CRCA	4	4	0	0	4	3	2	0	0	0	0	0	0	0	0
	CRCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deep	TRIC	4	2	0	0	3	1	0	0	0	0	0	0	0	0	0
	MTSX	5	5	0	0	10	4	0	0	0	0	0	0	0	0	0
	NHSA	2.03	2.03	1.01	1.01	6.03	2.03	1.02	1.02	0.01	0	1.02	1.01	0.01	0	0
	RBTA	4	4	0	0	4	2	0	0	0	0	0	0	0	0	0
	RBTS	3.04	3.04	1.04	1.04	6.04	6.04	3.04	2.04	1.02	0.01	1.04	1.04	1.04	0.02	0.01
	BRTA	5	3	0	0	4	2	0	0	0	0	0	0	0	0	0
	BRSTS	4.01	4.01	1.01	1.01	7.01	4.01	4	1	0	0	2.01	1	1	0	0
Total out of 12*10		38.03	32.03	2.01	2.01	44.03	26.03	14.03	3.02	0	0	5.02	2.02	1	0	0
total > 1000 WUA		38	32	2	2	44	26	14	3	0	0	5	2	1	0	0
total < 1000 WUA		3	3	1	1	3	3	3	2	0	0	2	2	0	0	0
Total out of 12*10		41	35	3	3	47	29	17	5	0	0	7	4	1	0	0
% for just this season		34.2%	29.2%	2.5%	2.5%	39.2%	24.2%	14.2%	4.2%	0.0%	0.0%	5.8%	3.3%	0.8%	0.0%	0.0%
% > 1000 WUA		31.7%	26.7%	1.7%	1.7%	36.7%	21.7%	11.7%	2.5%	0.0%	0.0%	4.2%	1.7%	0.8%	0.0%	0.0%
% < 1000 WUA		2.5%	2.5%	0.8%	0.8%	2.5%	2.5%	2.5%	1.7%	0.0%	0.0%	1.7%	1.7%	0.0%	0.0%	0.0%

Total out of 12\*10 means total out of a maximum of 120 (12 SHALLOW species/life stages x 10 SITES)

### **% by species/life stage**

Davidson R.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER** July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM					1										
PLECO	1	1			1	1	1								
NHSJ	0.01	0.01			0.01	0.01	0.01	0.01			0.01	0.01			
RBTF															
BNDJ	1	1			1	1	1								
BNDF															
BNDS	1				1										
BRTJ	1	1			1	1									
BRTF	1	1			1	1	1								
LNDX	1	1			1	1	1	1							
CRCA	1	1			1	1	1								
CRCY															
Deep	TRIC	1			1										
MTSX	1	1			1	1									
NHSA	0.01	0.01			0.01	0.01	0.01	0.01			0.01				
RBTA	1	1			1	1									
RBTS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BRTA	1				1	1									
BRTS	1	1			1	1	1								
Total out of 12	7.01	6.01	0	0	8.01	6.01	5.01	1.01	0	0	0.01	0.01	0	0	0
total > 1000 WUA	7	6	0	0	8	6	5	1	0	0	0	0	0	0	0
total < 1000 WUA	1	1	0	0	1	1	1	1	0	0	1	1	0	0	0
Total out of 12	8	7	0	0	9	7	6	2	0	0	1	1	0	0	0
% for just this site	66.7%	58.3%	0.0%	0.0%	75.0%	58.3%	50.0%	16.7%	0.0%	0.0%	8.3%	8.3%	0.0%	0.0%	0.0%
% weighted equally for each site	6.7%	5.8%	0.0%	0.0%	7.5%	5.8%	5.0%	1.7%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%
% > 1000 WUA	5.8%	5.0%	0.0%	0.0%	6.7%	5.0%	4.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.8%	0.8%	0.0%	0.0%	0.8%	0.8%	0.8%	0.8%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%

unregulated Index B
15631
4739
754
9569
6228
8786
9512
11687
2856
12372
4291
3828
13715
27216
570
19063
1149
7382
5780

Davidson R. (<1000 WUA)

Jonathan C.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER** July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM					1										
	PLECO	1	1			1	1								
	NHSJ	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01			
	RBTF														
	BNDJ	1	1			1	1								
	BNDF														
	BNDS														
	BRTJ	1	1			1	1	1							
	BRTF	0.01	0.01			0.01	0.01	0.01							
	LNDX	1	1			1	1	1							
	CRCA	1	1			1	1	1							
	CRCY														
Deep	TRIC														
	MTSX	1	1			1	1								
	NHSA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
	RBTA	1	1			1									
	RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01	0.01	
	BRTA	1				1									
	BRTS	1	1			1	1	1							
Total out of 12	5.02	5.02	0.01	0.01	6.02	5.02	3.02	0.01	0	0	0.01	0.01	0	0	0
total > 1000 WUA	5	5	0	0	6	5	3	0	0	0	0	0	0	0	0
total < 1000 WUA	2	2	1	1	2	2	2	1	0	0	1	1	0	0	0
Total out of 12	7	7	1	1	8	7	5	1	0	0	1	1	0	0	0
% for just this site	58.3%	58.3%	8.3%	8.3%	66.7%	58.3%	41.7%	8.3%	0.0%	0.0%	8.3%	8.3%	0.0%	0.0%	0.0%
% weighted equally for each site	5.8%	5.8%	0.8%	0.8%	6.7%	5.8%	4.2%	0.8%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%
% > 1000 WUA	4.2%	4.2%	0.0%	0.0%	5.0%	4.2%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	1.7%	1.7%	0.8%	0.8%	1.7%	1.7%	1.7%	0.8%	0.0%	0.0%	0.8%	0.8%	0.0%	0.0%	0.0%

unregulated Index B
7308
1416
382
3605
2876
3375
5398
4118
940
6002
2017
2462
6502
17126
153
9072
876
3205
2723

Jonathan C. (<1000 WUA)

N.F. Mills R.

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &gt;= 1000, then table shows a "1".

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &lt; 1000, then table shows a "0.01".

Season **SUMMER** July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM	1	1			1	1									
PLECO	1	1			1	1	1				1				
NHSJ	1	1	1	1	1	1	1	1			1	1	1		
RBTF															
BNDJ	1	1			1	1									
BNDF															
BNDS	1	1			1	1									
BRTJ	1	1			1	1									
BRTF	1	1			1	1	1				1				
LNDX	1	1			1	1	1	1			1	1			
CRCA	1	1			1	1									
CRCY															
Deep	TRIC	1	1		1	1									
MTSX	1	1			1	1									
NHSA	1	1	1	1	1	1	1	1			1	1			
RBTA	1	1			1	1									
RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BRTA	1	1			1	1									
BRTS	1	1	1	1	1	1	1	1			1	1	1		
Total out of 12	9	9	1	1	9	9	4	2	0	0	4	2	1	0	0
total > 1000 WUA	9	9	1	1	9	9	4	2	0	0	4	2	1	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	9	9	1	1	9	9	4	2	0	0	4	2	1	0	0
% for just this site	75.0%	75.0%	8.3%	8.3%	75.0%	75.0%	33.3%	16.7%	0.0%	0.0%	33.3%	16.7%	8.3%	0.0%	0.0%
% weighted equally for each site	7.5%	7.5%	0.8%	0.8%	7.5%	7.5%	3.3%	1.7%	0.0%	0.0%	3.3%	1.7%	0.8%	0.0%	0.0%
% > 1000 WUA	7.5%	7.5%	0.8%	0.8%	7.5%	7.5%	3.3%	1.7%	0.0%	0.0%	3.3%	1.7%	0.8%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
17666
7403
1667
14177
8690
11885
6900
15303
3963
6933
5886
4449
14914
18634
1429
20847
167
10452
4050

N.F.Mills R. (&lt;1000 WUA)

**W.F. Tuckasegee R., bypass**

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &gt;= 1000, then table shows a "1".

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &lt; 1000, then table shows a "0.01".

 Season **SUMMER**
**July - September**

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM														
	PLECO														
	NHSJ				1										
	RBTF														
	BNDJ														
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX				1										
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX				1										
	NHSA				1										
	RBTA														
	RBTS				1	1									
	BRTA														
	BRITS														
Total out of 12	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
10757
5678
2774
2092
5381
3625
2424
8589
2927
12784
3265
1695
11885
28393
2204
15903
2849
7291
4340

W.F. Tuckasegee R., bypass (&lt;1000 WUA)

**W.F. Tuckasegee R., peaking**

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &gt;= 1000, then table shows a "1".

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &lt; 1000, then table shows a "0.01".

 Season **SUMMER**
**July - September**

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM														
	PLECO														
	NHSJ				1										
	RBTF														
	BNDJ				1										
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX				1	1									
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX				1										
	NHSA				1										
	RBTA														
	RBTS	1	1		1	1	1								
	BRTA														
	BRTS				1										
Total out of 12	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	25.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	2.5%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	2.5%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
20827
11308
3681
3735
8950
8231
5535
17292
4797
27871
6632
3160
21744
44310
2871
30730
4527
12626
10191

W.F. Tuckasegee R., peaking (&lt;1000 WUA)

## Tuckasegee 'E. Fork' R.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER** July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
	PLECO				1										
	NHSJ				1										
	RBTF														
	BNDJ														
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX				1										
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX				1										
	NHSA				1	1									
	RBTA														
	RBTS	1	1		1	1									
	BRTA														
	BRITS				1										
Total out of 12	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
49778
30134
20292
8204
25559
16144
9748
38491
8024
59127
19150
4743
60282
114135
19127
76909
5191
39726
11911

Tuckasegee 'E.Fork' R. (<1000 WUA)

## Tuckasegee R. (tr1A)

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER** July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
	PLECO														
	NHSJ														
	RBTF														
	BNDJ														
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX						1								
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX						1								
	NHSA						1								
	RBTA														
	RBTS					1	1								
	BRTA														
	BRITS														
Total out of 12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
37406
22675
20338
4539
18430
9785
4956
30976
10110
51978
11068
3264
49884
100189
22243
63822
18157
30231
22262

Tuckasegee R. (tr1A) (<1000 WUA)

## Whiteoak C.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

**July - September**

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	1			1										
	PLECO	1	1		1	1									
	NHSJ	1	1		1	1	1								
	RBTF														
	BNDJ	1			1										
	BNDF														
	BNDS	1	1		1										
	BRTJ	1	1		1	1									
	BRTF	1	1		1	1									
	LNDX	1	1		1	1	1								
	CRCA	1	1		1										
	CRCY														
Deep	TRIC	1			1										
	MTSX	1	1		1	1									
	NHSA	0.01	0.01		0.01	0.01									
	RBTA	1	1		1										
	RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01
	BRTA	1	1		1										
	BRSTS	1	1		1	1	1				1				
Total out of 12	9	7	0	0	9	5	2	0	0	0	0	0	0	0	0
total > 1000 WUA	9	7	0	0	9	5	2	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	9	7	0	0	9	5	2	0	0	0	0	0	0	0	0
% for just this site	75.0%	58.3%	0.0%	0.0%	75.0%	41.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	7.5%	5.8%	0.0%	0.0%	7.5%	4.2%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	7.5%	5.8%	0.0%	0.0%	7.5%	4.2%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
12348
4933
1440
6510
4521
5239
5096
9005
1733
7091
4194
2652
12346
18582
989
16748
396
8237
2432

Whiteoak C. (<1000 WUA)

**Nantahala R., bel Dicks C.**

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &gt;= 1000, then table shows a "1".

If seasonal Index B value is &lt; 80% of unregulated value, and seasonal unregulated Index B &lt; 1000, then table shows a "0.01".

 Season **SUMMER**
**July - September**

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by					unregulated Index B
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%	
Shallow	EPHEM	1														26536
	PLECO	1	1													12710
	NHSJ	1	1	1	1	1						1				9291
	RBTF															9961
	BNDJ	1	1													18011
	BNDF															20094
	BNDS	1														2620
	BRTJ	1														22333
	BRTF	1	1													2855
	LNDX	1	1			1										10524
	CRCA															10534
	CRCY															4055
Deep	TRIC	1	1													33461
	MTSX	1	1			1										24341
	NHSA	1	1			1										13611
	RBTA															44087
	RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01	0.01		135
	BRTA	1	1													26484
	BRTS	0.01	0.01	0.01	0.01	0.01	0.01				0.01					523
Total out of 12	8	5	1	1	2	0	0	0	0	0	1	0	0	0	0	
total > 1000 WUA	8	5	1	1	2	0	0	0	0	0	1	0	0	0	0	
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total out of 12	8	5	1	1	2	0	0	0	0	0	1	0	0	0	0	
% for just this site	66.7%	41.7%	8.3%	8.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	
% weighted equally for each site	6.7%	4.2%	0.8%	0.8%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	
% > 1000 WUA	6.7%	4.2%	0.8%	0.8%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Nantahala R., bel Dicks C. (&lt;1000 WUA)

## Nantahala R., peaking

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

**July - September**

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM														
	PLECO														
	NHSJ														
	RBTF														
	BNDJ														
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX					1									
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX					1									
	NHSA														
	RBTA														
	RBTS				1	1	1	1							
	BRTA														
	BRITS				1										
Total out of 12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
35626
17934
9226
9634
15989
14834
10121
29872
9352
44837
14244
6256
37890
114713
6927
53531
12509
23329
18729

Nantahala R., peaking (<1000 WUA)